

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraph [0025] on page 5 with the following amended paragraph:

The probe 18 is housed within the confines of a hollow isolation chamber or probe well 44 that is releasably attached [[to]] within an internal cavity 16 of the housing 14 and is fitted within an appropriately sized cavity 48 of the isolation chamber.

Please replace paragraph [0029] on page 6 with the following amended paragraph:

In operation and referring to Figs. 2-5, the isolation chamber 54 is first installed into the thermometry housing 14, Fig. 1, by placing same within the formed cavity 16 of the housing 14, Fig. 1, and aligning the chamber with the top of the opening of the shroud tube 58. As the lower end of the isolation chamber 54 is positioned s that it extends through the bottom end 59 of the shroud tube 58, as shown in Fig. 3, the portion of the actuating arm 66 extending into the envelope of the shroud tube is caused to pivot, in this case in a counterclockwise direction, and the actuating arm causes the closure of the mechanical switch 69 through a resulting inward movement of an actuator 71 thereof. As a result, the first switch assembly is enabled. In the meantime, the thermometry apparatus 50 is not yet powered until the elongate probe 18 has been removed from the isolation chamber 54, as shown in Fig. 5, such that light from the light emitter 70 passes to the detector 74, causing closure of the second switch assembly. When both switch assemblies have been closed, the thermometry apparatus 50 is then automatically powered and is ready for use.

Please replace the parts list on page 8 with the following amended parts list:

PARTS LISTS FOR FIGS. 1-5

| | |
|-----------|-------------------------|
| 10 | thermometry apparatus |
| 14 | housing |
| <u>16</u> | <u>cavity, internal</u> |
| 18 | elongate probe |
| 22 | display |
| 26 | user interface |
| 30 | control buttons |

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34 front facing surface
36 cable
40 connector
44 isolation chamber/probe well
48 cavity
50 thermometry apparatus
54 isolation chamber
58 shroud tube
59 bottom end
62 printed circuit board
66 actuating arm
69 mechanical switch
70 photo emitter
71 actuator
74 photo detector
78 light transmissive windows